

Appln. Serial No. 10/606,998  
Amendment Dated December 21, 2007  
Reply to Office Action Mailed September 21, 2007

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AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

- 1 1. (Currently Amended) A method for use in a mobile communications network,  
2 comprising:  
3 receiving a request from a base station controller wireless network to terminate a  
4 communications session with a mobile station;  
5 in response to receiving the request to terminate, checking an indicator to  
6 determine whether the communications session is to be maintained for the mobile station;  
7 and  
8 in response to determining that the communications session is to be maintained  
9 for the mobile station, generating a message to deny the request to terminate the  
10 communications session.
  
2. (Cancelled)
  
- 1 3. (Currently Amended) The method of claim 1 [[2]], wherein receiving the message  
2 comprises receiving the message by a packet data serving node (PDSN).
  
- 1 4. (Currently Amended) The method of claim 3, further comprising sending the  
2 message to deny the request from the PDSN to the base station controller wireless  
3 network.
  
- 1 5. (Original) The method of claim 1, further comprising determining whether the  
2 mobile station is an always-on mobile station.
  
- 1 6. (Original) The method of claim 5, further comprising determining whether the  
2 mobile station is a code-division multiple access (CDMA) always-on mobile station.

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1    7. (Currently Amended) The method of claim 1, wherein generating the message to  
2    deny the request comprises generating a NACK message, the method further comprising  
3    sending the NACK message to the base station controller to deny the request to terminate  
4    the communications session.

1    8. (Original) The method of claim 7, wherein receiving the request to terminate  
2    comprises receiving an A11 Registration Request with a Lifetime parameter set to zero.

1    9. (Original) The method of claim 8, wherein generating the NACK message  
2    comprises generating an A11 Registration-Reply message with a no-acknowledge  
3    indicator.

1    10. (Original) The method of claim 1, further comprising counting a number of  
2    attempts made to reach the mobile station, wherein determining that the communications  
3    session is to be maintained for the mobile station is in response to detecting that less than  
4    a predetermined number of attempts have been made.

1    11. (Original) The method of claim 10, further comprising sending an echo message  
2    to the mobile station in each attempt to reach the mobile station.

1    12. (Original) The method of claim 10, further comprising:  
2        starting an inactivity timer; and  
3        in response to expiration of the inactivity timer, sending an echo message to a  
4    mobile station.

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- 1    13. (Currently Amended) An article comprising at least one storage medium
- 2    containing instructions that when executed cause a node system to:
  - 3       receive, from a wireless network, a request to terminate a communications session
  - 4       with a mobile station;
  - 5       in response to receiving the request to terminate, checking an indicator to
  - 6       determine whether the communications session is to be maintained for the mobile station;
  - 7       and
  - 8       in response to determining that the communications session is to be maintained
  - 9       for the mobile station, generating a message to deny the request to terminate the
  - 10      communications session.
- 1    14. (Currently Amended) The article of claim 13, wherein receiving the message
- 2    comprises receiving the message from a base station controller in the wireless network.
- 1    15. (Currently Amended) The article of claim 14, wherein the node system comprises
- 2    a packet data serving node (PDSN).
- 1    16. (Currently Amended) The article of claim 14, wherein the instructions when
- 2    executed cause the node system to determine whether the mobile station is an always-on
- 3    mobile station.
- 1    17. (Currently Amended) The article of claim 16, wherein the instructions when
- 2    executed cause the node system to exchange messaging with an Authentication,
- 3    Authorization, and Accounting server to determine whether the mobile station is an
- 4    always-on mobile station.
- 1    18. (Currently Amended) The article of claim 12, wherein generating the message to
- 2    deny the request comprises generating a NACK message, the instructions when executed
- 3    causing the node to further send the NACK message to the wireless network to deny the
- 4    request to terminate.

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1 19. (Original) The article of claim 18, wherein receiving the request to terminate  
2 comprises receiving an A11 Registration Request with a Lifetime parameter set to zero.

1 20. (Currently Amended) The article of claim 12, wherein the instructions when  
2 executed cause the node system to count a number of attempts made to reach the mobile  
3 station, wherein determining that the communications session is to be maintained for the  
4 mobile station is in response to detecting that less than a predetermined number of  
5 attempts have been made.

1 21. (Currently Amended) The article of claim 20, wherein the instructions when  
2 executed cause the node system to send an echo message to the mobile station in each  
3 attempt to reach the mobile station.

1 22. (Currently Amended) A node system comprising:  
2 an interface to receive, from a wireless network, a request to terminate a  
3 communications session with a mobile station; and  
4 in response to the request, a controller to check an indicator to determine whether  
5 the communications session is to be maintained for the mobile station, and in response to  
6 determining that the communications session is to be maintained for the mobile station,  
7 generate send a message to the wireless network to deny the request to terminate the  
8 communications session.

1 23. (Currently Amended) The node system of claim 22, wherein the controller is  
2 adapted to determine whether the mobile station is an always-on mobile station.

1 24. (Currently Amended) The node system of claim 22, comprising a packet data  
2 node.

1 25. (Currently Amended) The node system of claim 22, comprising a CDMA packet  
2 data serving node.

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- 1 26. (Currently Amended) The node system of claim 22, wherein the message is an
- 2 A11 Registration-Reply message with a no-acknowledge indication.